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**REPLY UNDER 37 C.F.R. §1.116  
EXPEDITED PROCEDURE - EXAMINING GROUP 2821**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application

Inventor: Karam Michael Noujeim

Application No.: 10/600,293

Confirm. No.: 6310

Date Filed: June 20, 2003

Title: **Fixed-Frequency Beam-Steerable Leaky-  
Wave Microstrip Antenna**

**PATENT APPLICATION**

Art Unit: 2821

Examiner: Tan Ho

**Customer No. 23910**

**CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 C.F.R. § 1.8**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or facsimile transmitted to the U.S. Patent and Trademark Office to (703) 872-9306, on June 30, 2005.

*Michelle McAnern Calavita*  
Michelle McAnern Calavita  
Signature Date: June 30, 2005

**REPLY B TO OFFICE ACTION UNDER 37 C.F.R. § 1.116**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This REPLY B is in response to the outstanding Final Office Action mailed May 4, 2005, together with the appropriate fee for the new independent claims.

Amendments to the claims are reflected in the listing of claims that begins on page 2 of this document.

Remarks begin on page 6 of this document.